

Should this item be pulled from the Consent Agenda the following motion would be in order:

POSSIBLE MOTION

I MOVE to authorize an emergency award of a sole source contract to WS Construction for replacement of failing flotation on Floats 5 and 6 Eliason Harbor.

MEMORANDUM

To: Mayor McConnell and Members of the Assembly
Cc: Mark Gorman, Administrator
From: Stan Eliason, Harbormaster
Subject: Funding Approval - Eliason Harbor Floatation Upgrades
Date: June 24, 2014

Background

Eliason Harbor, once referred to as New Thomsen Harbor, was designed by the State of Alaska, Department of Transportation and Public Facilities (ADOT&PF) and constructed in two phases. Phase I construction began in 1996 and Phase II construction was completed in 1999.

Eliason Harbor was evaluated as a part of the Harbor System Master Plan in late 2011. While the overall harbor facility was deemed in good condition with a remaining safe and useable life of 20 years, at that time the consultants noted issues with freeboard on the main floats and the log reinforced breakwater floats (5, 6 and West Transient).

The term "freeboard" in relation to float design refers to the height of the top of the deck boards above the water surface. Eliason Harbor design freeboard under dead loading was approximately 17.5 - 18 inches. For perspective, design freeboard for more recent projects at Thomsen Harbor (2006) and ANB Harbor (2013) under dead load was 20 inches and 22 inches respectively. Freeboard measurements obtained by Harbor Staff at Eliason Harbor prior to any floatation upgrades ranged from 14 - 18 inches. A freeboard measurement of just 15 inches places the lower timber sills at the water surface.

Analysis

Floatation upgrades at Eliason Harbor have been budgeted as Capital Projects under the Harbor Fund in FY12, FY13 and again in FY14. CBS attempted to secure State of Alaska Municipal Matching Grant Funding for this project last year; however the project was not selected for funding. It is imperative to get the timber elements out of the water in an effort to prevent rapid deterioration and ensure that the floats last another 20+ years.

CBS Harbor Department wishes to award a sole source contract with WS Construction on an emergency basis to complete the necessary repairs before the float deterioration rapidly

accelerates. WS Construction is very familiar with the infrastructure, and is the only locally available marine contractor at this time.

Phase One (\$84,436.00) consists of removing and replacing failing floatation at Float 5.

Phase Two (\$80,598.00) consists of removing and replacing failing floatation at Float 6.

In both cases, the old floatation will be replaced with encapsulated foam tubs; this floatation system has been used successfully for both Thomsen Harbor and ANB Harbor rebuilds.

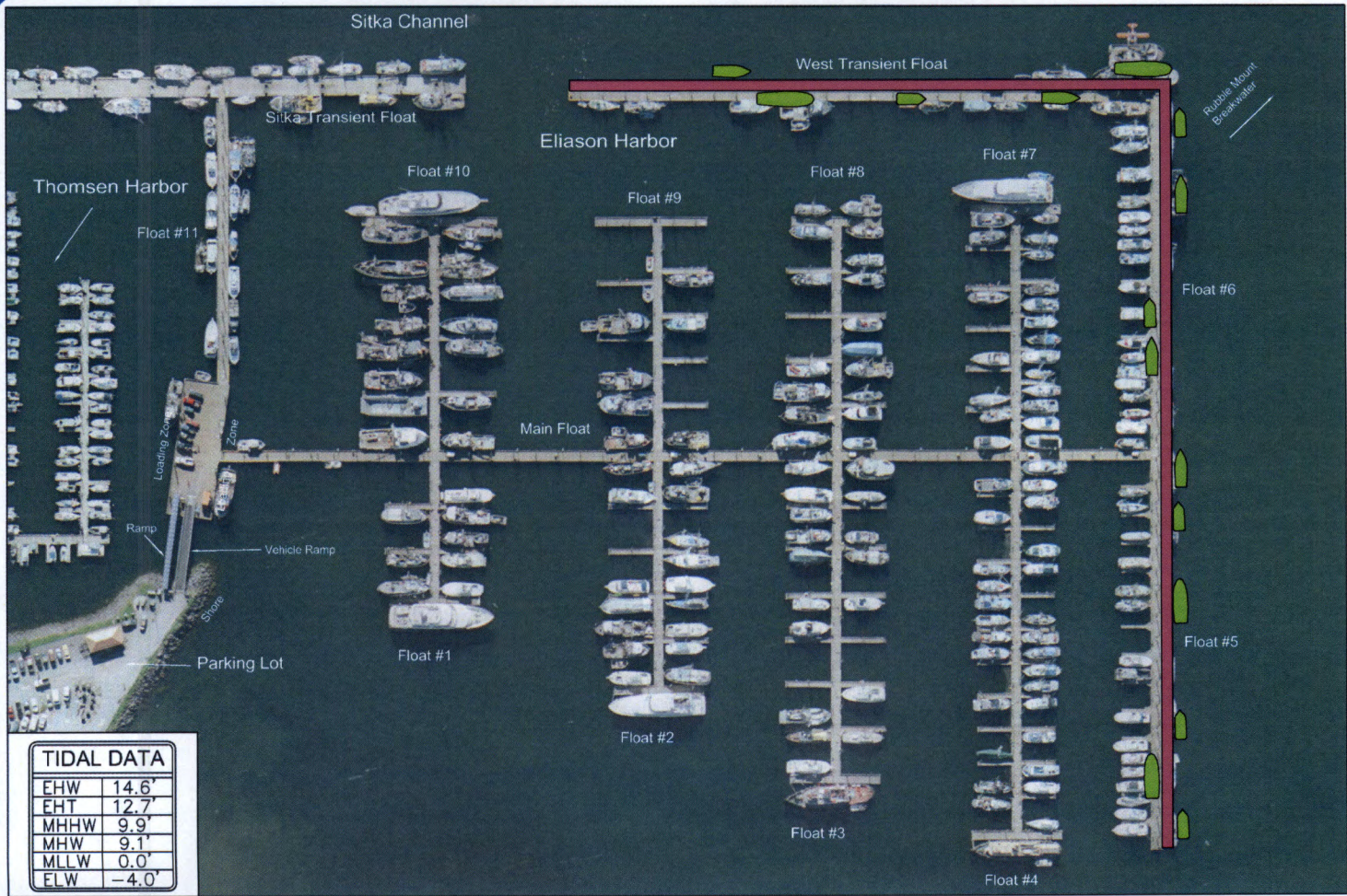
Fiscal Note

The floatation upgrades at Eliason Harbor were not a scheduled improvement contained within the Sitka Harbor Master Plan CIP (2012). Despite this absence, upgrading the floatation at Eliason has been a high priority for the Harbor Department since the issue was first discovered in late 2010. The Harbor Department has spent nearly \$300,000 since 2011 adding floatation tubs to the floats at Eliason Harbor.

Funding would be provided for by undesignated working capital of the Harbor Fund.

Recommendation

Authorize awarding a sole source contract with WS Construction on an emergency basis for lump sum of \$165,034.00 for replacement of failing floatation on Floats 5 and 6 at Eliason Harbor.



TIDAL DATA	
EHW	14.6'
EHT	12.7'
MHHW	9.9'
MHW	9.1'
MLLW	0.0'
ELW	-4.0'



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**ELIASON HARBOR
 FLOATATION
 UPGRADES**

DRAWN: JJH	SCALE: N.T.S.
CHECKED: D. TADIC	DATE: 07.12.2013
DRAWING NAME: EliasonHarbor	
SHEET NO. 1	1/1

